



NITFS Compliance Registration



Product: DigitalGlobe WorldView-1 (WV01) Collection and Production System
Version 7.4, P and G Product Types
Sponsor: DigitalGlobe
System # 1
Expiration: 31 August 2011
Registration # 1051

Developer: DigitalGlobe

☒ **System** ☐ **Product** ☐ **Component**

N-0105, §4.1.1 N-0105, §4.1.2 N-0105, §4.1.3

- ☐ Initial Registration
☐ Supplemental/Update #
☒ Derived from Reg **1028**

Complexity Level

NITF 2.1 CLEVEL							
		3		5	6	7	
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-SGI 2000 with 6 Processors, IRIX 6.5

Legend

** NITF 2.0 only feature

* NITF 2.1 only feature

Interpret
Generate
● Fully implemented
● Partially implemented
○ Not implemented

Format NITF

- ☒ 2.1
☒ 2.0
☐ 1.1

- NSIF**
☐ 1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

NITFS Features Implemented:

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☒ MULTI
☒ NODISPLAY
☐ POLAR
☒ No Mask
☐ Mask

Image Compression

- ☒ No compression
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☒ JPEG 2000
☐ Code Stream w/o JP2
☐ Code Stream w/JP2
☒ 1 Band
☒ 3 Band RGB
☐ 1 Band RGB/LUT
☒ Multiband
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING FILE HEADER
☐ Controlled Extensions
☒ Registered Extensions
☐ CSATTA
☒ CSSHPA

Tagged Record Extensions

- ☒ CSCCGA ☒ HISTOA
☐ CSCRNA ☒ J2KLRA
☒ CSDIDA ☐ MAPLOB
☐ CSEXRA ☐ NBLOCA
☐ CSPROA ☒ PIAIMC
☐ CSSFAA ☒ PRJPSB
☐ GEOLOB ☒ RPC00B
☐ GEOPSB ☒ STDIDC
☐ STREOB ☒ USE00A
☒ CSEPHA

Bit-Per-Pixel

- ☐ 1
☒ 8
☐ 9-16
☒ 16
☐ 17-32
☐ 32
☐ 33-64
☐ 64

BRENT L. SNYDER, Lt Col, USAF, JTF
Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.